

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A light emitting device comprising:

a first electrode;

a second electrode; and

a plurality of light emitting units stacked between the first electrode and the second electrode, wherein each of the plurality of light emitting units comprises:

a light emitting layer; and

a mixed layer in which an organic compound and a metal oxide are mixed ~~comprising an organic compound and a metal oxide~~, wherein the mixed layer is provided between the first electrode and the light emitting layer,

wherein the mixed layer included in one of the plurality of light emitting units is in direct contact with the first electrode.

2-16. (Canceled)

17. (Currently Amended) A light emitting device comprising:

an anode;

a cathode;

a plurality of light emitting units stacked between the anode and the cathode, wherein each of the plurality of light emitting units comprises:

a light emitting layer; and

a mixed layer in which an organic compound and a metal oxide are mixed comprising ~~an organic compound and a metal oxide~~, wherein the mixed layer is provided between the anode and the light emitting layer,

wherein the mixed layer included in one of the plurality of light emitting units is in direct contact with the anode.

18. (Currently Amended) A light emitting device comprising:

a first electrode;

a first light emitting unit over the first electrode, the first light emitting unit comprising:

a first mixed layer in which a first organic compound and a first metal oxide are mixed comprising ~~a first organic compound and a first metal oxide~~, wherein the first mixed layer is in direct contact with the first electrode;

a first light emitting layer over the first mixed layer;

a second light emitting unit over the first light emitting unit, the second light emitting unit comprising:

a second mixed layer in which a second organic compound and a second metal oxide are mixed comprising ~~a second organic compound and a second metal oxide~~, wherein the second mixed layer is provided over the first light emitting layer;

a second light emitting layer over the second mixed layer; and

an second electrode over the second light emitting unit.

19. (Currently Amended) A light emitting device comprising:

an anode;

a first light emitting unit over the anode, the first light emitting unit comprising:

a first mixed layer in which a first organic compound and a first metal oxide are mixed ~~comprising a first organic compound and a first metal oxide~~, wherein the first mixed layer is in direct contact with the anode;

a first light emitting layer over the first mixed layer;

a second light emitting unit over the first light emitting unit, the second light emitting unit comprising:

a second mixed layer in which a second organic compound and a second metal oxide are mixed ~~comprising a second organic compound and a second metal oxide~~, wherein the second mixed layer is provided over the first light emitting layer;

a second light emitting layer over the second mixed layer; and

an cathode over the second light emitting unit.

20. (Previously Presented) The light emitting device according to claim 1, wherein a thickness of the mixed layer is arranged so that an optical distance from the light emitting layer to the first electrode is odd multiples of quarter wavelength of emission color from the light emitting layer with a range of plus or minus 10% thereof.

21. (Previously Presented) The light emitting device according to claim 17, wherein a thickness of the mixed layer is arranged so that an optical distance from the light emitting layer to the anode is odd multiples of quarter wavelength of emission color from the light emitting layer with a range of plus or minus 10% thereof.

22. (Previously Presented) The light emitting device according to claim 18,

wherein a thickness of the first mixed layer is arranged so that a first optical distance from the first light emitting layer to the first electrode is odd multiples of quarter wavelength of emission color from the first light emitting layer with a range of plus or minus 10% thereof, and

wherein a thickness of the second mixed layer is arranged so that a second optical distance from the second light emitting layer to the first electrode is odd multiples of quarter wavelength of emission color from the second light emitting layer with a range of plus or minus 10% thereof.

23. (Previously Presented) The light emitting device according to claim 19,

wherein a thickness of the first mixed layer is arranged so that a first optical distance from the first light emitting layer to the anode is odd multiples of quarter wavelength of emission color from the first light emitting layer with a range of plus or minus 10% thereof, and

wherein a thickness of the second mixed layer is arranged so that a second optical distance from the second light emitting layer to the anode is odd multiples of quarter wavelength of emission color from the second light emitting layer with a range of plus or minus 10% thereof.

24. (Previously Presented) The light emitting device according to claim 1 or 17, wherein the organic compound is a hole transporting material.

25. (Previously Presented) The light emitting device according to claim 18 or 19, wherein the at least one of the first organic compound and the second organic compound is a hole transporting material.

26. (Previously Presented) The light emitting device according to claim 1 or 17, wherein the metal oxide exhibits an electron accepting property to the organic compound.

27. (Previously Presented) The light emitting device according to claim 18 or 19, wherein the first metal oxide exhibits an electron accepting property to the first organic compound.

28. (Previously Presented) The light emitting device according to claim 1 or 17, wherein the metal oxide is one selected from the group consisting of a vanadium oxide, a molybdenum oxide, a niobium oxide, a rhenium oxide, a tungsten oxide, a ruthenium oxide, a titanium oxide, a chromium oxide, a zirconium oxide, a hafnium oxide, and a tantalum oxide.

29. (Previously Presented) The light emitting device according to claim 18 or 19, wherein at least one of the first metal oxide and the second metal oxide is one selected the group consisting of a vanadium oxide, a molybdenum oxide, a niobium oxide, a rhenium oxide, a tungsten oxide, a ruthenium oxide, a titanium oxide, a chromium oxide, a zirconium oxide, a hafnium oxide, and a tantalum oxide.

30. (Previously Presented) The light emitting device according to claim 1 or 18, wherein the first electrode is a reflective electrode.

31. (Previously Presented) The light emitting device according to claim 17 or 19, wherein the anode is a reflective electrode.

32. (Previously Presented) The light emitting device according to claim 1 or 17, wherein a thickness of the mixed layer included in one of the plurality of light emitting units is different from a thickness of the mixed layer included in another of the plurality of light emitting units.

33. (Previously Presented) The light emitting device according to claim 18 or 19, wherein a thickness of the first mixed layer is different from a thickness of the second mixed layer.

34. (Previously Presented) The light emitting device according to claim 1 or 17, wherein the light emitting layer included in one of the plurality of light emitting units exhibits the same luminescent color as the light emitting layer included in another of the plurality of light emitting units.

35. (Previously Presented) The light emitting device according to claim 18 or 19, wherein the first light emitting layer exhibits the same color as the second light emitting layer.